

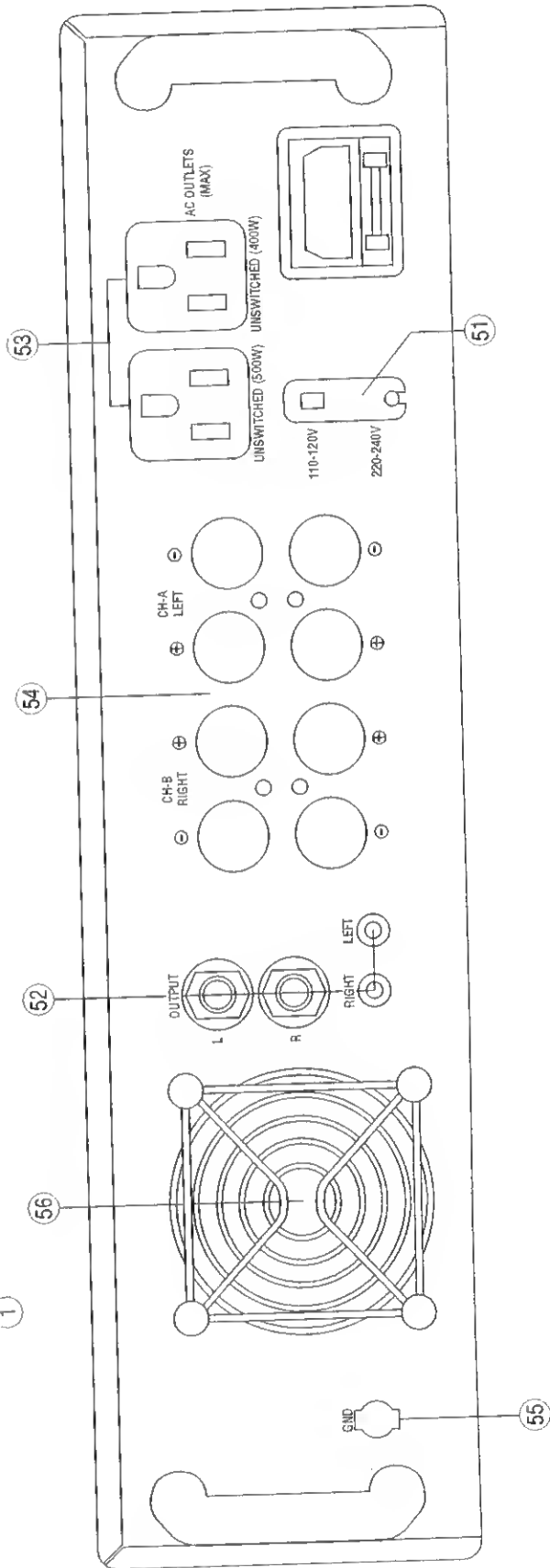
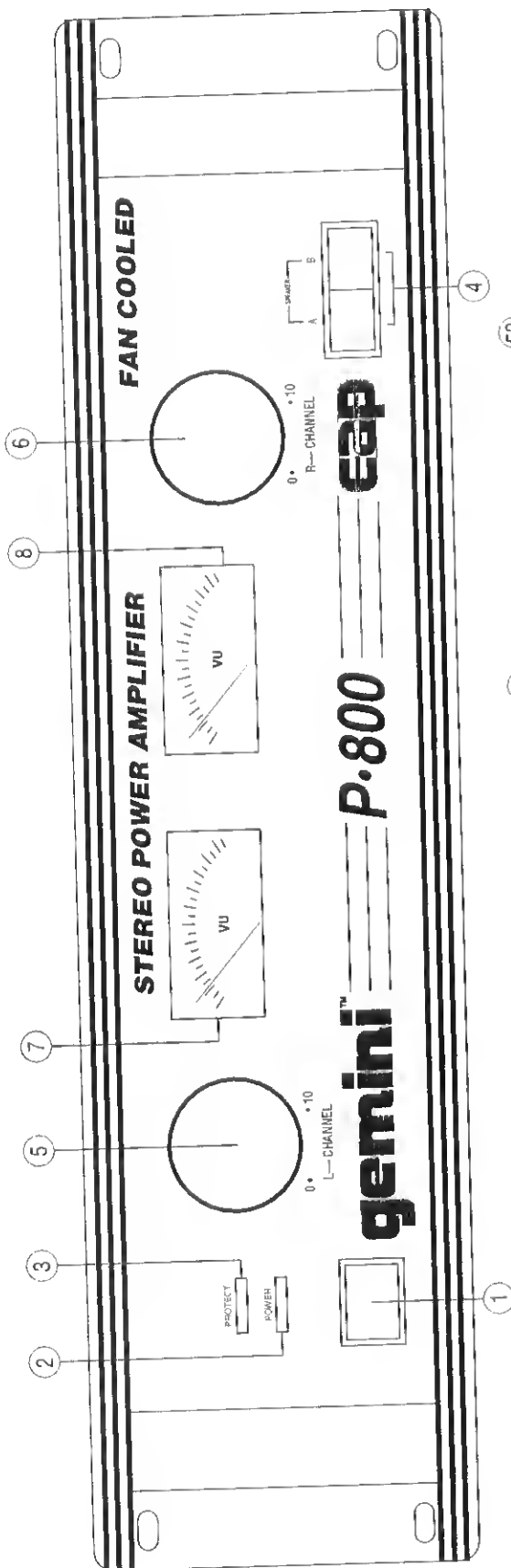
GEMINI P-800 Stereo Power Amplifier

OPERATIONS MANUAL



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INTRODUCTION

We congratulate you on choosing a Gemini Sound Products power amplifier. The latest advancements in technology have been used in the manufacturing of this amplifier. To obtain maximum performance from your amplifier, please read all instructions before operating.

FEATURES

- Continuous Advanced Protection circuitry
- Fan Cooled
- One Switched & One Unswitched Rear Panel AC Outlets
- Supports Two Sets of Speakers
- Supports Balanced & Unbalanced Inputs

WORDS TO THE WISE

1. All operating instructions should be read before using this equipment.
2. To reduce the risk of electrical shock, do not open the unit. There are **NO USER REPLACEABLE PARTS INSIDE**. Please refer servicing to a qualified service technician.
3. Do not expose this unit to direct sunlight or to a heat source such as a radiator or stove.
4. This unit should be cleaned only with a damp cloth. Avoid solvents or other cleaning detergents.
5. When moving this equipment, it should be placed in its original carton and packaging. This will reduce the risk of damage during transit.

CAUTIONS

DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

DO NOT USE ANY SPRAY CLEANER OR LUBRICANT ON ANY CONTROLS OR SWITCHES.

CONNECTION

1. Be sure that **POWER (1)** is in the OFF position. All connections must be made with all equipment OFF.
2. Before plugging in the power cord, make sure the **VOLTAGE SELECTOR SWITCH (51)** is set to the correct voltage.
3. For best sound use only high quality audio cables for your hook up. Make sure all cables are pushed in securely.
4. Use the **LINE IN (52)** jacks to attach your input signal to the P-800. Make sure that you correctly attach the left and right cables. You can use either RCA or 1/4" connectors.
5. There are two supplied **AC OUTLETS (53)**, one unswitched (Max. 500W) and one switched (Max. 400W), which allow the electrical hook up of other units.
6. The P-800 provides two pairs of **SPEAKER OUTPUT TERMINALS (54)** to enable you to run two sets of speakers. You can either use banana plugs or bared speaker wire for your connections.

7. A **GND TERMINAL (55)** is provided for grounding the P-800 to your other equipment.
8. Make sure that the **FAN (56)** is not obstructed.

OPERATION

1. **POWER ON:** Once you have made all source connections to your P-800, press the **POWER (1)** button, the power will turn on and the **POWER LED (2)** will illuminate GREEN.
2. **PROTECTION LED:** The **PROTECTION LED (3)** illuminates RED when the amplifier overheats or when a shorted load or DC is detected on the amplifier output. The amplifier will reset itself when the problem is corrected.

Note: When you first turn on the power, the PROTECTION LED will illuminate for a few seconds. This is normal.

3. **SPEAKER SELECTION:** The P-800 is capable of handling two sets of speakers. To select, push the proper **SPEAKER BUTTONS (4)**. You can select either A, B or both A & B.
4. **VOLUME CONTROL:** You can easily control the output level to your speakers (the volume) by using the rotary **VOLUME CONTROLS (5, 6)**. **VOLUME CONTROL (5)** adjusts the left channel and **VOLUME CONTROL (6)** adjusts the right channel.
5. **BUILT IN FAN:** The P-800 is equipped with a built in **FAN (56)**. This allows the inside of your unit to be cooled and to prevent overheating. **Never obstruct or disconnect the fan.**

SPECIFICATIONS

Momentary Music Peak Power at 1 kHz.....800 watts

Maximum Power Output (RMS) at 1 kHz.....180 watts at 4 Ω

125 watts at 8 Ω

Distortion.....less than 0.08% at rated power output into 8 Ω

Frequency Response.....20 Hz to 60 kHz (+0/-3dB)

Signal To Noise Ratio.....98 dB (IEC-A)

Output Section.....4 - 16 Ω

Indicators.....Power & Protection

Power Consumption.....800 watts (Max)

Dimensions.....19 " x 5 " x 10 1/2 "

Weight.....21.6 lbs.

Rack.....3.5 U rack spaces